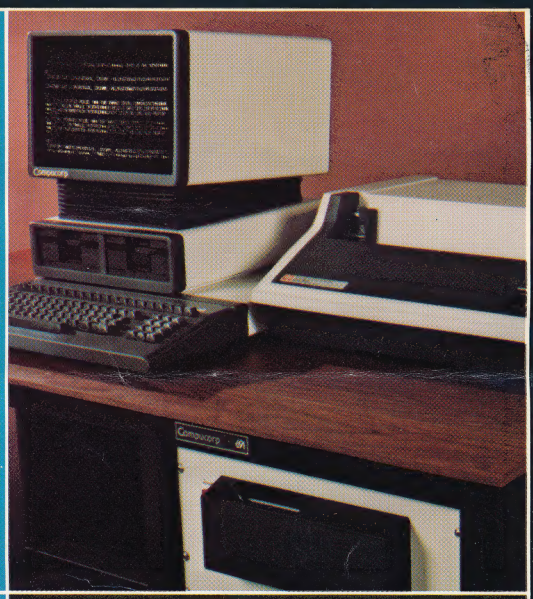
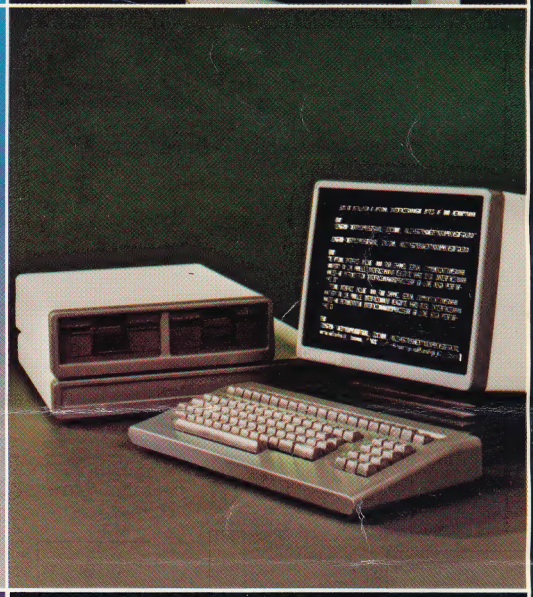
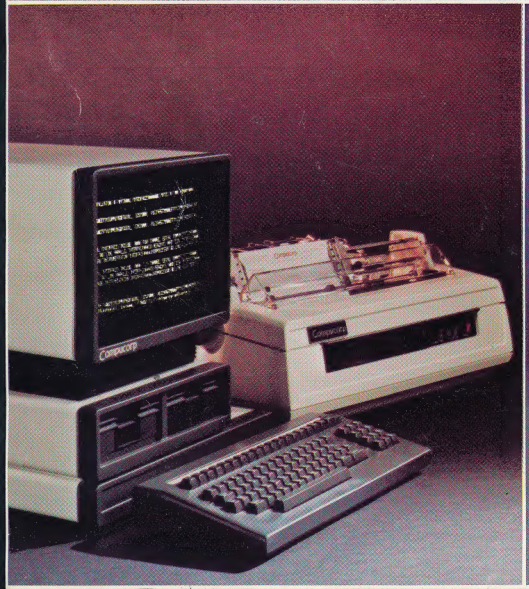
Compucorp®







655
665

THE COMPUCORP 655 AND 665– MODULAR, STATE-OF-THE-ART, PROFESSIONAL COMPUTER SYSTEMS DESIGNED TO FIT INTO YOUR OFFICE...TO SOLVE YOUR PROBLEMS. INCORPORATING QUALITY

The COMPUCORP 655 and 665 are designed specifically for office environments. Their unique modular design lets you install your system in a variety of ways. You can place modules in the way most convenient to your operation; even if your desks are already crowded.

And, this same unique modular design allows your COMPUCORP 655 or 665 to grow with your business. To do more things...by adding more modules...software...or hardware.

EASY TO OPERATE

There are probably no computers in the world easier to use than the COMPUCORP 655 and 665. The secret is a combination of efficient,well designed software running on quality, state-of-the-art hardware.

SOFTWARE YOU CAN USE

You need good software to do a job well. "Just any" package simply won't do. It has to be well designed, and easy to use by your own people. COMPUCORP already has an extensive, field-proven software library and is continually developing additional user-oriented packages.

We believe that no software on the market today is better organized and documented than COMPUCORP. This is important because poor quality software will create more problems than it will solve. COMPUCORP provides solutions ...not more problems. There already exist total COMPUCORP-supported turn-key solutions in numerous business, accounting, word processing, automotive and other specialized vertical application areas.

And, for those who wish to do additional programming on their own, COMPUCORP has also provided an extensive library of programming aids.

HARDWARE YOU CAN USE

The COMPUCORP 655 or 665 is comprised of three modules: a computer module which contains the CPU, memory, power supply, diskette drive(s)and input/output facilities; a keyboard; and a video display.

COMPUTER

The computer is a state-of-the-art design which offers high speed operation, efficient I/O, automatic startup and expansion capability. Packaged in a compact housing with one or two diskette drives

built-in, either the 655 or 665 computer can be placed on any convenient surface or can be mounted on the side of a desk.

KEYBOARD

The COMPUCORP 655 and 665 are equipped with a separate, high quality, standard layout, rugged, easily moved keyboard which keeps up with the fastest typist ...day after day. Rapid number entry is accomplished on a separate numeric keypad.

To further simplify its use, the COMPUCORP keyboard incorporates 20 additional keys which perform specific application program functions such as, "Print Report," "Sort List," "Calculate Payment," "Delete Character," etc. These "user-defined" keys make execution of even the most complex tasks truly simple. During operation of any program, these 20 keys can perform up to 3 functions each, acting as if there were 60 such keys. All keys used to operate the application program are clearly labeled so there is no need to memorize complex code sequences. Operator training time can be greatly reduced. Of course, the operation of application programs is made even easier by augmenting the "user-defined" keys with video display prompting and menu selection.

VIDEO DISPLAY

A large easy to read, high quality video display produces 20 lines of 80 large, crisp, clear characters. An exclusive optional tilting mechanism adjusts the screen for the best possible viewing angle, whether the display is on your desk ...on your shelf ...or anywhere else you want to put it.

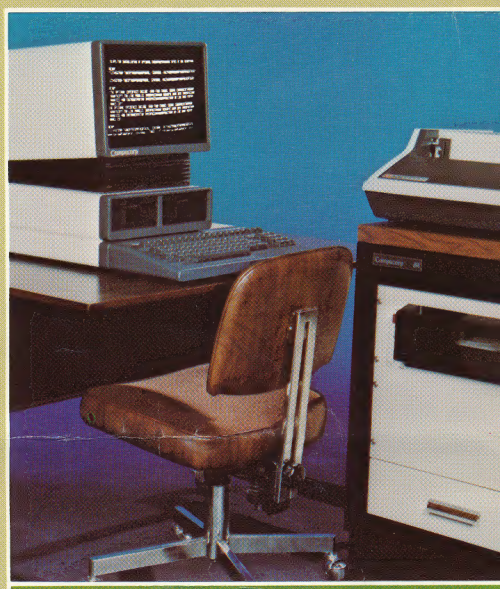
The COMPUCORP video display produces all upper and lower case ASCII characters and punctuation marks, most European characters, plus math and graphic symbols for bars, charts, form outlines, etc....over 200 different characters and symbols in all.

LARGE, EXPANDABLE MEMORY

You probably can't outgrow the data storage capacity of a COMPUCORP 655 or 665. Either system comes equipped initially with one or two compact and reliable diskette drives. With the 655, each diskette stores the equivalent of 80 full typewritten pages of data...163,840 characters; with the 665, the equivalent of 157 pages or 315,392 characters.

Initially, or as your needs for data storage increase, you can equip your system with COMPUCORP mass storage options. For instance,you can add to your 665 system an optional dual external diskette drive which provides the system with a total diskette storage of 1.26 million characters.

For even greater storage, add to either your 655 or 665 one or more of the indus-

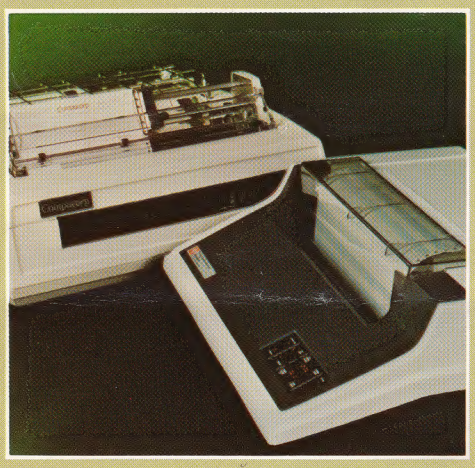


AND RELIABILITY TO PROVIDE YOU WITH TODAY'S—AND TOMORROW'S—BEST VALUES IN COMPUTER SYSTEMS. COMPUTER SYSTEMS THAT GROW WITH YOUR OPERATION.

try's most compact larger capacity cartridge disks. These provide storage of the equivalent of 4,800 full pages of typewritten data per cartridge . . . for a total of 9.6 million characters per disk. Multiple drive capability can give you immediate access up to 19.2 million characters. Backup of important programs and data is fast and easy with multiple removable disk cartridges.

COMPUCORP disks were designed with the office in mind. They are extremely quiet so they need not be placed in an isolated room to allow normal office work to go undisturbed. The removable disk cartridges are fully protected from dust and other contamination by a unique self closing mechanism. Three of these cartridges fit into a standard briefcase. COMPUCORP disk drives are compact and virtually noise-free.

PRINTED OUTPUT—A CHOICE



Again, COMPUCORP provides a choice. For typewriter quality printing, choose the unit which prints 55 characters per second, and can handle documents up to 162 columns wide. It additionally provides an extensive choice of 10 and 12 characters per inch, user-changeable, multiple type fonts, including those of many foreign languages. This printer handles single sheets of paper with a precision platen feed and continuous forms with an optional tractor feed. For ease of operation, there is an extensive built-in forms handling facility for automatic alignment of forms of nearly any length.

Or choose the high speed 132 column bi-directional dot matrix printer which prints at 150 characters per second. It easily prints up to six clear copies simultaneously when using multipart paper or forms and is tractor fed. It contains numerous built-in forms handling and alignment features.

Both printers are equipped with built-in self-test features. Other printers may be accommodated through the universal RS232C or V.24 interfaces.

COMMUNICATIONS

If you need to have your computer send or receive information to or from a serial device or system to system, room to room or over telephone lines, the COMPUCORP system won't let you down. It can optionally be equipped with communications devices which operate at high speed and can be programmed to operate using various industry standard communications protocols. These multiline RS-232C devices provide up to four communication lines and are fully programmable to operate asynchronously at up to 9,600 baud or synchronously up to 38,000 baud, using all common character and parity formats.

THE ONLY BUSINESS COMPUTER WHICH CAN BE USED FOR SCIENTIFIC AND REAL-TIME APPLICATIONS.

The 655 and 665 are the only systems of their kind with a selection of plug-in interface modules for scientific and real-time applications. They include: EIA RS-232C controllers, IEEE-488 Instrumentation Bus Adapter and 16 or 32 line parallel interface. Two expansion slots are available within the computer module.

A COMPUCORP bus extender brings the bus outside the module for special applications. Your system can thus communicate with a host of instruments and other devices without need for extensive engineering. A library of software drivers provides ease of implementing such applications.

COMPUCORP—A DECADE OF WORLDWIDE EXPERIENCE

When you buy a COMPUCORP computer, you've bought from a publicly-owned corporation with over ten years of experience worldwide. A company that understands efficient, volume manufacturing so you get the computer you want when you need it at a price you can afford. A company that provides reliable products through a stringent, in-depth quality control program. A company with sales and service offices throughout the United States and in over 35 countries around the world.

For the name of the COMPUCORP dealer or distributor nearest you, contact COMPUCORP, 1901 South Bundy Drive, Los Angeles, California 90025. Phone (213) 820-2503. TWX: (910) 342-7578. TELEX: 181-958.

COMPUCORP 655 AND 665 HIGHLIGHTS

A COMPUCORP 655 OR 665 IS AN AFFORDABLE, MODULAR COMPUTER SYSTEM FEATURING STATE-OF-THE-ART DESIGN. YOU CAN BUY EXACTLY THE SYSTEM YOU NEED TODAY—WHILE PROVIDING GROWTH FOR TOMORROW.

Compucorp®
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Los Angeles, California 90025
(213) 820-2503 — TWX (910) 342-7578
TELEX 181-958

HARDWARE

DIMENSIONS

MODULE	COMPUTER	VIDEO DISPLAY	KEYBOARD
HEIGHT	17cm (6.75")	25cm (9.75")	7cm (2.75")
WIDTH	45cm (17.75")	35cm (13.75")	45cm (17.75")
DEPTH	42.5cm (16.75")	42.5cm (16.75")	21cm (8.25")
WEIGHT	18kg (40 lbs)	13kg (28 lbs)	3kg (7 lbs)

POWER AND ENVIRONMENTAL

- ☐ Switch selectable: 90–130, 200–240 volts, 50/60 Hz., 100 watts.
- ☐ Operating: 10°C to 40°C (50°F to 104°F). Non-operating: –40°C to 65°C (–40°F to 150°F).

THE KEYBOARD

- ☐ Full Alpha—High quality, rugged, excellent feel, keeps up with the fastest typist.
- ☐ Standard Key Layout—For ease of operator training.
- ☐ Numeric Key Pad—For rapid entry of numeric data.
- ☐ 20 User Definable Keys—To make the system easier to use.

LARGE 12-INCH VIDEO DISPLAY

- ☐ Modular—Place it in most convenient location.
- ☐ Optional Tilting Mechanism—For best viewing angle.
- ☐ Large Characters—Crisp and easy-to-read.
- ☐ 80 x 20 Format—For flexible data presentation.
- ☐ 128 Different Characters—Full upper and lower case ASCII characters and punctuation marks, plus most European characters. Math and graphic symbols also.

MEMORY

	655	*665*
☐ Internal semiconductor, bytes	62K	62K
☐ Diskettes		
☐ Minimum Diskette Drives	1	1
☐ Maximum Diskette Drives	2	4
☐ Bytes per Diskette Drive	163,840	315,392
☐ Maximum Diskette Bytes	327,680	1,261,568

- ☐ Hard Disks (Optional).
  - ☐ 9,633,762 to 19,267,524 bytes—formatted.
  - ☐ High Speed—For fast access and transfer of data. 3600 RPM, 15ms track to track, 75ms average positioning, 917K bytes/second to/from buffer 95K bytes/sec. to/from memory. ☐ Buffered Controller—For efficient data handling. ☐ Quiet Operation—Designed for office environments. ☐ Multiple Removable Cartridges—Makes back-up easier. ☐ Media Fully Protected—Against dust and contamination. ☐ Compact Media—Three disk cartridges fit in a standard briefcase. Only 28cm x 28cm x 2.5cm (11 x 11 x 15/16 inches) each.

PRINTER INTERFACE (Built-In)

Accommodates most serial input printers.

PRINTERS: Choice of Two

- ☐ Typewriter Quality—55 characters per second.
  - ☐ Multiple type fonts, 10 and 12 characters per inch. ☐ Up to 162 columns wide. ☐ 6 and 8 lines per inch. ☐ Optional snap-on tractor feed. ☐ Friction feed for single sheets. ☐ Extensive forms control and tabbing features. ☐ Built-in self test.
- ☐ High Speed—150 characters per second, bi-directional.
  - ☐ Up to 132 columns wide. ☐ Dot Matrix—up to 6 part forms with clarity. ☐ Adjustable Width—for all continuous forms. ☐ Tractor Feed. ☐ Extensive forms alignment facilities. ☐ Built-in self test.

PLUG-IN INTERFACES: (Optional)

- ☐ Dual EIA RS-232C (V.24) Serial Communications.
  - ☐ Asynchronous to 9,600 baud. ☐ Synchronous to 38,000 baud. ☐ Half or Full Duplex operation. ☐ Programmable.
- ☐ IEEE-488 Instrumentation Bus.
- ☐ 32 Line Parallel Interface.
- ☐ External Bus Extender.
- ☐ Centronics Printer Interface.

SOFTWARE

APPLICATIONS LIBRARY

- ☐ Growing number of applications.
  - ☐ Business: ☐ Accounting. ☐ Finance. ☐ Mailing. ☐ Automotive. ☐ And other vertical, in-depth applications.
  - ☐ Scientific: ☐ Instrumentation. ☐ Plotting. ☐ Data Acquisition. ☐ And others.
- ☐ User-oriented/easy to learn.
- ☐ Designed for ease of use.
- ☐ Professionally designed and implemented.
- ☐ Well documented.
- ☐ Proven and reliable.
- ☐ Fully described in other COMPUCORP documents. Contact your nearest dealer or distributor for additional information.

WORD PROCESSING

- ☐ Expands system processing to document creation and correction.
- ☐ Can even be used to create and modify BASIC programming source code.
- ☐ Composition and Editing Features—As comprehensive as many of the more expensive stand-alone word processing-only systems.
- ☐ Full: character, word, line and block manipulation.
- ☐ Nearly 80 (on 655) or 157 (on 665) typewritten pages per diskette.
- ☐ Extended, selective mailing list printing and merging facilities.
- ☐ Unattended multiple document printing.
- ☐ Can merge many documents into one and divide one document into many.
- ☐ Fully described in another COMPUCORP document. Ask your dealer or distributor for a copy.

EXTENSIVE PROGRAMMING AIDS

EXTENDED BASIC

- ☐ Interpretive or compiled.
- ☐ 12 digit precision floating point.
- ☐ Variable string length.
- ☐ Multi-dimensioned arrays.
- ☐ Long variable names.
- ☐ Logical operators.
- ☐ Interfaced to file management system.
- ☐ Can call assembly language programs.
- ☐ Can read/produce word processing files.
- ☐ Full string manipulation capabilities.
- ☐ Multi-statement user-defined functions.
- ☐ Program chaining.
- ☐ Access to 20 user-definable keys; unshifted, shifted, and CTRL-ed: 60 total functions.
- ☐ Full CRT data manipulation and multi-mode control.

COMMUNICATIONS

- ☐ Asynchronous.
- ☐ Synchronous.
- ☐ Device drivers.

FILE MANAGEMENT SYSTEM

- ☐ Direct Files.
- ☐ Sequential Files.
- ☐ Random Sequential Access Method (RSAM)—For rapidly storing and retrieving data by alphanumeric keys.
- ☐ Sort.
- ☐ Full File Utilities.
  - ☐ Copy file. ☐ Rename file. ☐ Read/Write protection. ☐ Automatic disk repacking.

DISK OPERATING SYSTEM—Highly efficient.

- ☐ Overlays—To conserve memory.
- ☐ Memory Manager—To make the best use of available memory.
- ☐ Relocating Loader—Additional freedom.
- ☐ Relocating Macro Assembler—For fast and efficient assembly language programming.
- ☐ Logical/Physical I/O—Device independent.
- ☐ Automatic Start-up—For user ease.
- ☐ Command File—Saves time, reduces complexity. ☐ Assembler. ☐ Text Editor. ☐ Debugger. ☐ Linking Editor.

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Specifications subject to change without notice.

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